File #	Original File Name
1	EPA_SS_ST_LOUIS_PM-1-24HR_20010413_20011231_V1.csv

Data Exchange Standard Version	Principal Investigator Name--last first	Principal Investigator Affiliation	File Contents Description--short long	Samplng Interval As Reported in Main Table
NARSTO 2002/05/28 (2.301)	Turner ; Dr. Jay	Washington University, Campus Box 1198, One Brookings Drive, St. Louis, MO 63130	PM-1.0_Mass ; PM1.0 Filter Mass Concentration by Sharp Cut Cyclone	24 hour

Samplng Frequency Of Data in Main Table	Quality Control Level	Organization Acronym	Organization Name	Data Usage Acknowledgement	Study Or Network Acronym
Every day	1	EPA_PM_SS	EPA Particulate Matter Supersites Program	Washington University and Desert Research Institute	EPA_SS_ST_LOUIS

Study Or Network Name	Country Code	State Or Province Code	Principal Investigator Contact Information	Co-investigator Name--last first	Co-investigator Affiliation
EPA_Supersites--St. Louis	US	MO	Dr. Jay Turner, Washington University, Campus Box 1198, One Brookings Drive, St. Louis, MO 63130	Chow, Dr. Judith ; None	Desert Research Institute, 2215 Raggio Parkway, Reno, NV 89512

Name And Affiliation Of Person Who Generated This File	Date Of Last Modification To Data In Main Table	Name And Version Of Software Used To Create This File
Norm Robinson, DRI	2004/03/05	MS VB.Net; MS SQL Server 2000

Companion File Name format And Version	Date This File Generated archive Version Number	Table Explanation Of Zero Or Negative Values	Table Explanation Of Reported Detection Limit Values
None ; None	2004/03/17 ; 1	No zero values or negative values appear in the data in this file.	Undetermined

Table Explanation Of Reported Uncertainty	Table User Note	Table User Note2	Table User Note3	Table User Note4	Table Name	Table Focus
See *TABLE USER NOTE2	PM-1 filter mass concentration by sharp cut cyclone and gravimetric analysis	Precision from 36 collocated measurements, method of W.H. White (1998) JAWMA, 48, 454-458; micrograms per cubic meter			PM1.0_Mass	Surface--fixed

Site Information

Site ID	Name	State Province code	Latitude: decimal degree	Longitude: decimal degree	Sampling height above ground (m)	Ground elevation above sea level (m)
ES2SUSILESL_	13th and Tudor, East St. Louis	IL	38.61220	-90.16030	5.0	135.0

Site ID	Site land use	Site location setting	Measurement start date	Measurement end date	Co-incident measurements	Study site ID	Lat lon accuracy
ES2SUSILESL_	Residential	Suburban	1999/12/31	2002/05/31	None	None	-999.9

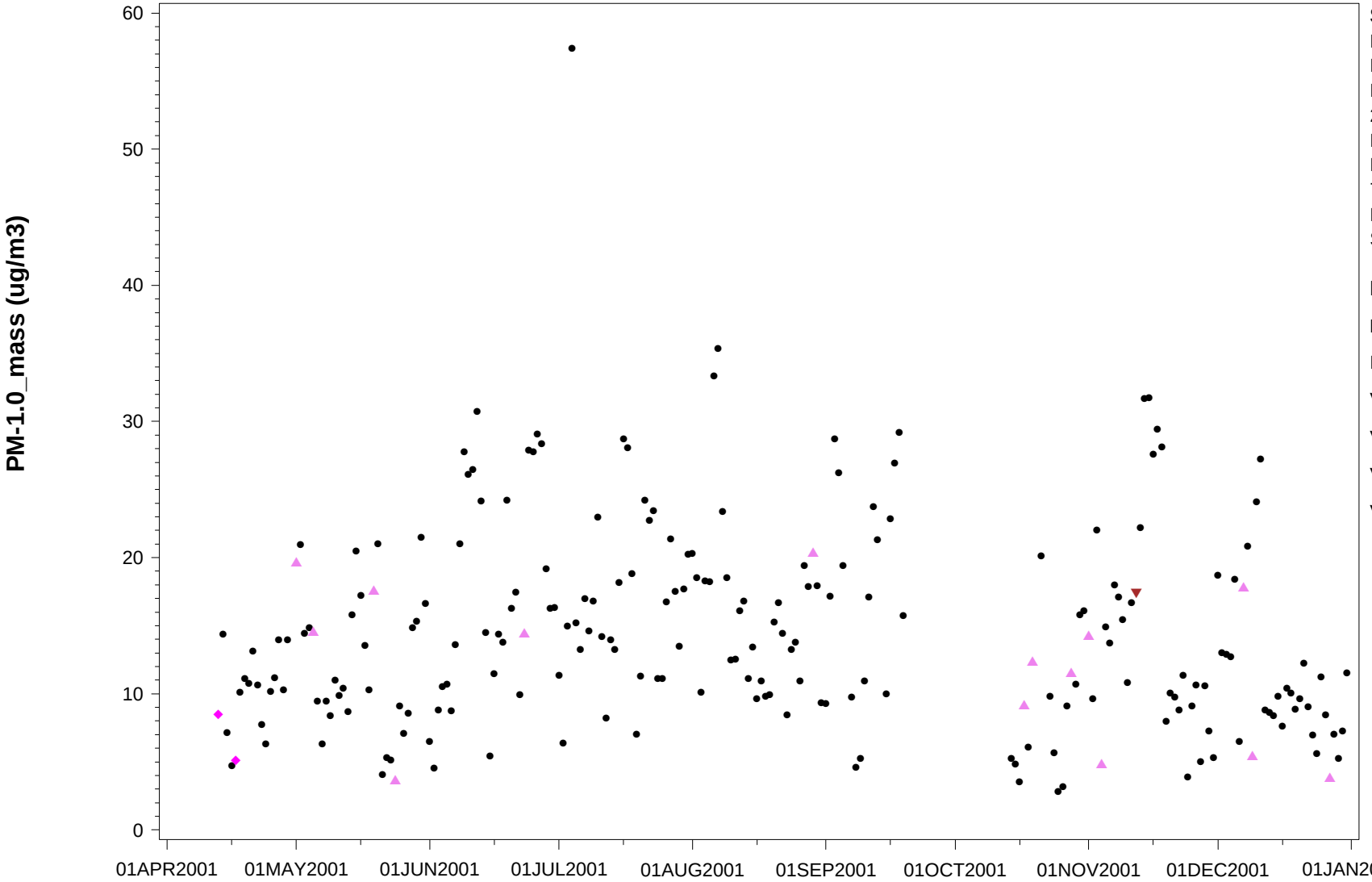
Flag: NARSTO	Description
H1	Historical data that have not been assessed or validated
M1	Missing value because no value is available
M2	Missing value because invalidated by data originator
V0	Valid value
V1	Valid value but comprised wholly or partially of below detection limit data
V2	Valid estimated value
V3	Valid interpolated value
V4	Valid value despite failing to meet some QC or statistical criteria
V5	Valid value but qualified because of possible contamination (e.g., pollution source, laboratory contamination source)
V6	Valid value but qualified due to non-standard sampling conditions (e.g., instrument malfunction, sample handling)
V7	Valid value but set equal to the detection limit (DL) because the measured value was below the DL

NARSTO Time Series Plot

24JUN2009

Site ID: **ES2SUSILESL_** instrument_co_location_: **14** Variable name: **PM-1.0_mass** Units: **ug/m3** Sampling interval: **24 hour**
Sampling frequency: **Every day** Observation type: **Particles** Particle diameter--lower bound (UM): **Undetermined**
Particle diameter--upper bound (UM): **1** Field sampling or measurement principle: **Cyclone** Medium: **Teflon membrane** Inlet type: **Impactor--direct**
Laboratory analytical method: **Microbalance** Sample preparation: **Temperature and humidity equilibration** Blank Correction: **Not blank corrected**
Volume standardization: **Ambient temperature and pressure** Sampling Height above ground (m): **5**
Instrument name and model number: **Sharp cut cylcone** Detection Limit: **Pending assignment**

Site Name:**13th and Tudor, East St. Louis, Illinois** Latitude:**38.6122 deg.** Longitude:**-90.1603 deg.** Start Date:**1999-12-31** End Date:**2002-05-31**



Statistics
Number of obs: **263**
Number of missing: **29**
Minimum: **2.81**
25th Percentile: **9.19**
Median: **13.23**
Mean: **14.396**
75th Percentile: **18.18**
Maximum: **57.42**
Stnd Dev.: **7.502**

NARSTO Flags

Flag Symbol	Count
M2:	**29**
V0:	**217**
V4:	**2**
V5:	**14**
V6:	**1**

Time Zone: CST

File Name: NARSTO_EPA_SS_ST_LOUIS_PM-1-24HR_20010[illegible]